

Abstracts

An Improved Mode-Selecting Coupler (Correspondence)

G.B. Sleeper, Jr.. "An Improved Mode-Selecting Coupler (Correspondence)." 1964 Transactions on Microwave Theory and Techniques 12.3 (May 1964 [T-MTT]): 362-363.

A mode-selecting coupler which couples two orthogonally oriented rectangular waveguides into circular or square waveguide for simultaneous orthogonal transmission has been previously reported by Ohm. It has been found that by adding an additional septum to the coupler configuration the bandwidth can be substantially improved.

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